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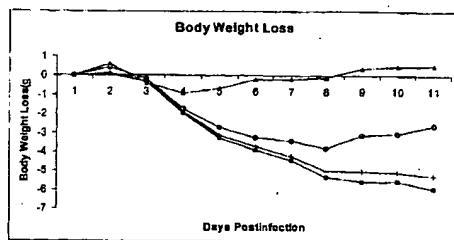
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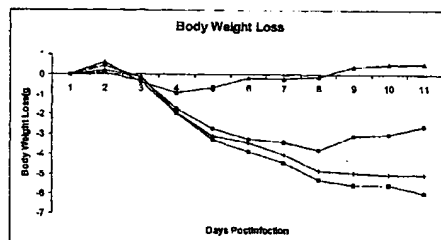
(54) Title: IMMUNIZATION AGAINST *CHLAMYDIA* INFECTION

Body Weight loss after immunization.

Panel A 60kCRMP full-length



Panel B 60kCRMP signal sequence deleted



▲ - EB
○ - pCACT CRMP60k
● - pCACT CRMPdelta
+ - pCAMyHis
■ - Naive

(57) Abstract: The present invention provides nucleic acids, proteins and vectors for a method of nucleic acid, including DNA, immunization of a host, including humans, against disease caused by infection by a strain of *Chlamydia*, specifically *C. trachomatis*. The method employs a vector containing a nucleotide sequence encoding a polypeptide of a strain of *Chlamydia* operably linked to a promoter to effect expression of the gene product in the host. The polypeptides are derived from the *Chlamydia* gene 60kCRMP gene including truncated forms of the gene. The invention further provides recombinant 60kCRMP protein useful for protecting against disease caused by infection with *Chlamydia*.



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